Safe and Sound

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TOOLS:

- Drill, or drill press, and 1/8" drill bit (1)
- Epoxy, quick-setting (1)

PARTS:

- RCD with test button (1)
- Drawer Knob (1)

SUMMARY

Since I have owned a workshop I have had several close encounters. One thing a workshop should have is an emergency stop button.

In this guide I will show you how to make a stop button with an RCD (Residual Current Device, typically known in the U.S. as a Ground Fault Circuit Interrupter or GFCI). An RCD usually has a test button which shorts out the breaker to trip it, thus testing it. This stop button uses such an RCD with a test button.

I will use a 240v UK Wylex 100A 50Hz house trip switch unit, but if you don't live in the UK, don't worry; trip switches are in every DIY store.

Step 1 — Safe and Sound

- Be careful with mains so your fingers don't explode.

Step 2

- Attach the knob to the test button with epoxy but don't glue the switch down.
- You can also drill and thread it.
- After that wire it into your area and insulate the terminals.
- You're done!

This document was last generated on 2012-11-03 04:45:30 AM.